

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Please cancel claims 1-37 without prejudice.

Claims 1-37 (Canceled).

Please add following new claims 38-44:

38. (New) A method, comprising:

receiving a feedback signal having a first feedback state that represents that an output level of a power converter is above a threshold level and a second feedback state that represents the output level of the power converter is below the threshold level;

cycling an oscillating signal having a first frequency under a first set of conditions and a second frequency under a second set of conditions; and

operating a switch having including a first terminal, a second terminal and a control terminal to couple or decouple the first terminal and the second terminal in response to a control signal received at the control terminal to regulate the output level of the power converter, the control signal being responsive to the oscillating signal and to a change between the first and second feedback states.

39. (New) The method of claim 38 further comprising not cycling the oscillating signal under a third set of conditions.

40. (New) The method of claim 38 wherein one of the first and second frequencies is substantially zero.

41. (New) The method of claim 38 wherein the first set of conditions includes the feedback signal having the second feedback state and the switch being switched on.

42. (New) The method of claim 38 wherein the second set of conditions includes the feedback signal having the first feedback state and the switch being switched off.

43. (New) The method of claim 38 further comprising charging a capacitor coupled to a bypass output with a current source coupled between the bypass output and the switch.

44. (New) The method of claim 38 further comprising:  
setting a latch providing the control signal in response to the feed back signal; and  
resetting the latch in response to the oscillating signal.